| Index of Cla | aims                            | App  | lication No.                               | Applicant(s)    |        |  |  |  |  |
|--------------|---------------------------------|------|--|-----------------|--------|--|--|--|--|
|              | 1888 (1887 <b>-</b> 1888 ) 1888 | 10/6 | 694,894                                    | MORIKAKU ET AL. |        |  |  |  |  |
|              |                                 | Exa  | miner                                      | Art Unit        |        |  |  |  |  |
|              |                                 | Ros  | s N. Gushi                                 |                 | 2833   |  |  |  |  |
| √ Rejected   | (Through n                      |      | N Non-Elected                              |                 | Appeal |  |  |  |  |
| √ Rejected   | Cance                           | 1180 | <u>                                   </u> |                 |        |  |  |  |  |

| Cli             | aim      | Date           |  |  |          |                |  |  | Claim Date    |                |          |          |   |               |                 | 1        | Cli      | aim       | Date     |               |     |                 |          |          |          |          |          |          |           |          |                    |          |
|-----------------|----------|----------------|--|--|----------|----------------|--|--|---------------|----------------|----------|----------|---|---------------|-----------------|----------|----------|-----------|----------|---------------|-----|-----------------|----------|----------|----------|----------|----------|----------|-----------|----------|--------------------|----------|
| <del>  ""</del> |          | 111            | ᢝ  | 7  | ښ        | 1              | ř  |  |               |                | 1-       | 7        | ┿   |               |                 |          | -310     | _         | 1        |               | 1   | ٣               |          |          | Т        |          | Ť        | 78.6     | <u>_</u>  | r        |                    | ᅱ        |
| =               | Original | 12/2           | 16   |  |          | 1              |  |  |               |                | -        | Original | 1   |               |                 | - 1      | - 1      |           |          |               |     | _               | Original |          |          | ļ        |          |          |           | - 1      |                    | ı        |
| Final           | ı.g      | M              | 1  | 1  |          |                |  |  |               |                | Final    | 1 .g     | 1   |               |                 |          | - 1      |           |          |               |     | Final           | ĕ        |          |          |          |          |          |           | - 1      |                    |          |
| ίŒ              | 5        | 13/            | 12   | <b>!</b>   |          |                |  |  |               |                | ΙŒ       | ١٤       |   |               |                 | - 1      | 1        |           | -1       |               | l ' | III.            | ਨਿੰ      |          |          |          |          |          |           |          |                    |          |
|                 |          | -              | /  |  |          |                |  |  |               |                |          | 1 4      | 1   |               |                 |          |          |           | - 1      |               |     |                 |          |          |          |          |          |          |           | -        |                    |          |
|                 | 1        | V              | Π.   |  |          |                |  |  |               |                |          | 51       | Т   |               | $\Box$          | $\neg$   | T        | Т         | Т        |               | 1   |                 | 101      |          |          |          |          |          |           | $\neg$   | Т                  | ٦        |
|                 | 2        | AI             | ۳  |  |          | Г              | $\vdash$   | М  | 7             | $\dashv$       |          | 52       |   | П             | П               | 1        | _        | 7         | +        |               | 1   |                 | 102      |          |          |          |          |          |           | _        |                    | ᅥ        |
|                 | 3        | 17             | ├─   | -  | -        | ╁              | -  | -  | $\dashv$      | 1              | _        | 53       | +   |               | -               | -        | +        | $\dashv$  | +        |               | 1   |                 | 103      |          |          |          | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ | -+                 | ᅥ        |
| ├─              | 4        | H              | -  | -  | -        |                | ├─   | Н  | -             |                |          | 54       | +-  | Н             | Н               | $\dashv$ | -+       | +         | -+       |               | ł   |                 | 104      |          |          |          | Н        | $\dashv$ | ┪         | $\dashv$ | -                  | $\dashv$ |
| ┝               |          | H              | ⊢  | -  | _        | -              | -  | Н  | -             | $\dashv$       |          |          | +   | Н             | Н               | -        | -        | +         | +        | -             | ł   | $\vdash$        |          | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ |           | -        | -+-                | $\dashv$ |
|                 | 5        | H              | <u> </u>   | <u> </u>   | _        |                | <u> </u>   | -  | _             | $\dashv$       |          | 55       | +   | -             |                 |          |          | -+        |          |               | ł   |                 | 105      | $\dashv$ |          | _        |          | _        | -         | $\dashv$ | -                  | 4        |
|                 | 6        | Ц              | <u> </u>   | L  |          | Ш              | Щ  | Ш  |               | _              |          | 56       | 1_  |               |                 | _        | _        | 4         |          |               | Į   | ļ               | 106      |          |          |          |          | _        | _         | -        | 4                  | _        |
|                 | _7       | Ш              | L  |  |          |                |  |  |               |                | <u> </u> | 57       |   | Ш             |                 | _        |          | _         | $\bot$   | $\perp$       | 1   | $\Box$          | 107      | $\Box$   |          | _        |          |          | _         | _        |                    |          |
|                 | 8        | Ш              |  |  |          |                |  |  |               |                |          | 58       | 1_  |               |                 |          |          |           |          |               | ]   |                 | 108      |          |          |          |          |          |           |          |                    |          |
|                 | 9        | П              | Г  |  |          | П              |  |  |               |                |          | 59       | T   |               |                 |          |          |           | Т        |               | 1   |                 | 109      |          |          |          |          |          |           |          |                    |          |
|                 | 10       | N              | Т  |  |          | Т              |  |  |               |                |          | 60       |   |               |                 |          |          | _         | 7        |               | 1   |                 | 110      |          |          |          |          | T        | ┪         |          | _                  | ╗        |
|                 | 11       | ۳-             | Ō  | П  | Т        |                | <del>                                     </del> | П  |               | $\neg$         |          | 61       | 1   | М             | М               | $\neg$   | $\dashv$ | $\dashv$  | 7        | $\top$        | 1   |                 | 111      |          | $\Box$   |          | П        | T        | $\neg$    | 7        | $\top$             | ┪        |
|                 | 12       | $\vdash$       | 0  | H  | -        | ┰              | _  | $\vdash$   | -             | $\dashv$       |          | 62       | +-  | М             | -               | $\dashv$ | -        | $\dashv$  | 十        | _             | 1   |                 | 112      | $\vdash$ | $\dashv$ | $\neg$   | Н        | $\neg$   | $\dashv$  | -        | $\dashv$           | ᅥ        |
|                 | 13       | ╁              | -  | <b>-</b>   | $\vdash$ | +              | -  | $\vdash$   | $\vdash$      | $\dashv$       | -        | 63       | +-  | <del>  </del> | $\vdash \vdash$ |          |          | -+        | -+       |               | 1   |                 | 113      |          |          |          | ┝┉┤      |          | -         | -+       | -+                 | ᅱ        |
| <b> </b>        |          | ╀              | Y  | $\vdash$   | $\vdash$ | <del> </del>   | $\vdash$   | $\vdash$   | $\vdash$      | $\dashv$       |          | 64       | +   | $\vdash$      | Н               | $\dashv$ | $\dashv$ | $\dashv$  | +        | +             | ł   | <b></b>         | 114      |          |          |          | $\vdash$ |          |           | -+       | -                  | -        |
| <u> </u>        | 14       | <b>├</b>       |  | -  | _        | -              | -  | $\vdash$   | $\Box$        | $\dashv$       |          | 04       | +   | Н             | Н               | $\dashv$ | -        | $\dashv$  | +        |               | ł   | $\vdash$        | 114      | $\dashv$ | _        | _        | Н        |          | $\dashv$  | -        | +                  | ⊣        |
| <b></b>         | 15       | 1-             | 0  | _  | _        | <b> </b>       | _  | <b> </b>   |               |                |          | 65       | +   | <b> </b>      | $\vdash \vdash$ | _        |          | -         | -        |               | 1   |                 | 115      | <b>—</b> |          | Щ        | $\vdash$ | $\dashv$ |           | _        | 4                  | 4        |
|                 | 16       | L              | 0  |  | _        | L              |  |  |               | _              | <u> </u> | 66       | 1_  | Ш             | Ш               |          | _        | 4         | _        |               | 1   |                 | 116      | _        |          |          | Ш        | $\Box$   | Ц         |          | _                  | _        |
|                 | 17       |                | V  |  |          | L              | L  |  |               |                |          | 67       | $\perp$   |               |                 |          |          | $\perp$   | ᆚ        | $\bot$        | 1   |                 | 117      |          |          |          | Ш        |          |           | $\perp$  |                    | _        |
|                 | 18       | Π              | Ø  |  |          | Г              |  |  |               |                |          | 68       | T   |               |                 |          |          |           |          |               | ]   |                 | 118      |          |          |          |          |          | Ll        |          |                    |          |
|                 | 19       |                | 0  | П  | _        |                |  | Г  |               |                |          | 69       | 1   | П             |                 |          |          | $\neg$    | Т        |               | 1   |                 | 119      |          |          |          |          |          |           |          |                    |          |
|                 | 20       | 1              | n  |  | _        | ┪              | Т  |  |               |                |          | 70       | +   |               |                 |          |          | $\neg$    | ┪        |               | 1   |                 | 120      |          |          |          |          |          |           |          | $\neg$             |          |
|                 | 21       | ╁              | 1  | <del>                                     </del> | -        | <del>  -</del> | -  | $\vdash$   | Н             |                | -        | 71       | +   | $\vdash$      |                 | 1        |          | -         | 十        | _             | 1   |                 | 121      | П        | _        |          | Н        |          |           | _        | 十                  |          |
|                 | 22       | ╁╌             | ├  | H  | $\vdash$ | Ë              | ⊢  | -  | Н             |                | $\vdash$ | 72       | ┿   | -             | H               | $\dashv$ | $\dashv$ | $\dashv$  | +        |               | 1   | $\vdash$        | 122      | _        | -        | _        | Н        | -        |           | _        | -+                 | ᅥ        |
|                 |          | <del> </del>   | ┢  | -  |          | ├              | -  |  | Н             | $\dashv$       | -        | 73       | -   |               | -               |          |          | -+        | ┰        | <del>- </del> | 1   |                 | 123      |          | -        | -        | H        | Н        |           | -+       | -+                 | ㅓ        |
|                 | 23       | ⊢              | ⊢  | -  | ├-       |                | -  |  | Н             | $\dashv$       | <b>—</b> |          | ╄   | $\vdash$      | H               | $\dashv$ | -+       | $\dashv$  | +        | +             | ┨   |                 |          | -        |          | _        | Н        | $\vdash$ | $\vdash$  | $\dashv$ | -+                 | $\dashv$ |
|                 | 24       | _              | _  | _  | _        | <u> </u>       | _  | L  |               |                |          | 74       | ╂   | -             |                 |          |          | $\dashv$  | 4        | +             | 1   |                 | 124      | Н        | $\Box$   |          | Н        | Н        |           |          | +                  | $\dashv$ |
| <u></u>         | 25       | <u> </u>       |  |  | L_       | L              |  | L  |               | _              | <u></u>  | 75       | ــــــــــــــــــــــــــــــــــــــ  |               |                 | _        | _        | 4         | 4        |               | 1   |                 | 125      |          |          |          |          | _        |           | -        | -                  |          |
|                 | 26       |                | <u>L</u>   |  |          | <u>L</u>       | L  |  |               | Ш              |          | 76       |   | $\perp$       |                 |          |          | _         | _        |               | 1   | L               | 126      |          | Ш        |          | Ш        | Ш        |           | _        | _                  | _        |
|                 | 27       |                |  |  |          | Γ              | Г  |  |               |                | {        | 77       |   |               |                 |          |          |           |          |               |     |                 | 127      |          |          |          |          |          |           | l        | $oldsymbol{\perp}$ |          |
|                 | 28       |                | П  |  |          |                |  |  |               |                |          | 78       | Τ   |               |                 |          |          | П         | Т        | T             | ]   |                 | 128      |          |          |          |          |          |           |          |                    |          |
|                 | 29       |                | Г  |  |          |                |  |  |               |                |          | 79       | 1   |               |                 |          |          | $\neg$    | $\neg$   |               | 1   |                 | 129      |          |          |          |          |          |           |          | Т                  | $\neg$   |
|                 | 30       | $\vdash$       | Т  |  | -        | 1              |  | <b>†</b> •   |               |                |          | 80       | 1   | $\Box$        |                 |          |          | $\dashv$  |          |               | 1   |                 | 130      |          |          |          |          |          |           |          | $\neg$             |          |
| -               | 31       | +              | 1  | <del>                                     </del> | -        | 1              | Н  | $\vdash$   | Н             | $\dashv$       |          | 81       | †   | Н             | Н               | $\dashv$ |          | $\dashv$  | $\dashv$ |               | 1   |                 | 131      |          | Н        |          | П        | Н        | П         | $\dashv$ | $\neg$             | ┪        |
| <b>—</b>        | 32       | +-             | -  | <del>                                     </del> | $\vdash$ | 1              | $\vdash$   | ┰  |               | $\dashv$       | -        | 82       | +-  | ┢             | Н               | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | +             | 1   |                 | 132      | Н        | H        | Η-       | Н        | Н        | $\dashv$  | $\dashv$ | $\dashv$           | ┪        |
| ├─              | 33       | ┼              | <del> </del>                                     |  |          | -              |  | -  |               | $\vdash\vdash$ | <u> </u> | 83       | +-  | ╁┈┤           |                 |          |          | +         | ╅        | +-            | 1   | <b></b>         | 133      |          |          |          | $\vdash$ | $\vdash$ | $\vdash$  | $\dashv$ |                    | $\dashv$ |
| <u> </u>        |          | ⊢              | -  | $\vdash$   | $\vdash$ | ├-             | $\vdash$   | -  |               | $\dashv$       | $\vdash$ |          | ╁   | $\vdash$      | Н               | $\dashv$ | -        | -+        | +        | +             | 1   | $\vdash$        | 134      | H        |          | -        | Н        | Н        | $\vdash$  | $\dashv$ | $\dashv$           | $\dashv$ |
| ļ               | 34       | ↓              | <b> </b>   | -  |          | ├-             |  |  | <del>  </del> | $\sqcup$       | <u> </u> | 84       | +-  | $\vdash$      | $\vdash$        | <b>-</b> |          | -         | -+       |               | 1   |                 |          |          | <u> </u> | H        | ┝╌┤      | $\vdash$ | $\vdash$  |          | $\dashv$           | -        |
| <u></u>         | 35       | <b> </b>       | ļ  | <b> </b>   | <u> </u> | <u> </u>       | <b></b>  | <u></u>  | Щ             |                | ļ        | 85       | 4   | _             | Щ               | 1        |          | -         |          |               | 1   | ļ               | 135      | $\vdash$ |          | <b> </b> | ļ        | Ш        | <b>  </b> |          | +                  | _        |
| L               | 36       | L              | ot   | L  | _        | <u> </u>       | $oxed{oxed}$                                     | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | Ш             |                | <u> </u> | 86       | $\perp$   | $\sqcup$      | Ш               | ш        | $\Box$   | _         | _        | _             | 1   |                 | 136      | Ш        | Ш        | <u> </u> | Ь        | Ш        |           | _        | $\dashv$           |          |
|                 | 37       |                |  |  |          | L              | L  |  |               |                |          | 87       | $oldsymbol{ol}}}}}}}}}}}}}}}$ |               |                 |          |          | $\perp$   |          |               | ]   |                 | 137      |          |          |          | $\Box$   | Ш        |           |          |                    |          |
|                 | 38       | Г              | Г  |  |          | Г              | Г  |  |               |                |          | 88       |   |               |                 |          |          | T         | _T       |               |     |                 | 138      |          |          |          |          |          |           |          | T                  |          |
|                 | 39       |                | Т  | П  |          |                |  | П  |               | _              |          | 89       |   | Π             |                 |          |          | 7         | Т        | $\top$        | 1   |                 | 139      |          |          |          |          |          |           |          |                    |          |
|                 | 40       | Т              |  |  |          | T              |  |  |               |                |          | 90       | 1   | П             | П               |          | $\neg$   | 一         | 1        | $\neg \vdash$ | 1   |                 | 140      |          |          |          |          |          |           |          |                    |          |
| <b></b>         | 41       | <del>  -</del> | <u> </u>   |  | _        | $\vdash$       | _  | $\vdash$   | Н             | $\vdash$       | <u> </u> | 91       | +   | $\vdash$      | Н               | $\dashv$ | -        | _         | $\dashv$ | $\top$        | 1   | $\vdash \vdash$ | 141      | Н        | П        | П        | П        | М        |           | 7        | _                  | $\neg$   |
| <del></del>     | 42       | ┿              | ┼  | 1-   |          | ┼              | -  |  | -             |                | <b> </b> | 92       | +   | -             | $\vdash$        | $\dashv$ | -        | +         | +        |               | 1   | <b></b>         | 142      |          | Н        | -        | Н        | $\vdash$ | $\vdash$  | $\dashv$ | $\dashv$           |          |
| <u> </u>        | 43       | $\vdash$       | ⊢  | -  | -        | ├              | -  | -  | $\vdash$      | $\dashv$       | -        | 93       | +   | $\vdash$      | Н               | H        | -        | $\dashv$  | ┿        |               | 1   |                 | 143      | $\vdash$ | ┝┉┤      |          |          | Ь        |           |          |                    |          |
| ⊢—              |          |                | <b>├</b>   | -  | ⊢        | ├-             | -  |  | Н             | $\vdash\dashv$ |          | 1 93     | +-  | -             | $\vdash$        | $\vdash$ | $\dashv$ | -+        | +        | -+-           | ł   |                 |          | Н        | Н        | ⊢        | $\vdash$ | Н        | ⊢⊦        |          | +                  |          |
| <u></u>         | 44       | ↓              | <b>_</b>   | <b> </b>   | _        | <del> </del>   | _  | <b> </b>   | Ш             | Ш              |          | 94       | ╁   | ļ             | <b> </b>        | Щ        |          |           | 4        |               | ł   | <b></b>         | 144      | ш        | Ш        | H        | $\vdash$ | Н        | $\vdash$  | $\dashv$ | +                  |          |
|                 | 45       | L              | L  |  | L        | _              |  |  |               | Ш              |          | 95       | $\perp$   | <u> </u>      |                 |          |          | _         |          |               | 1   |                 | 145      | لسا      |          | L        | L        |          | I         |          |                    |          |
|                 | 46       | Ĺ              |  |  |          | L              |  |  |               |                |          | 96       |   |               |                 | $\sqcup$ |          |           | $\perp$  |               | 1   |                 | 146      | Ш        |          |          |          | Ш        | Ш         |          |                    | _        |
|                 | 47       | Γ              |  |  |          |                | Γ  |  |               |                |          | 97       |   |               |                 |          |          | $_{ m I}$ | $\Box$ T |               |     |                 | 147      |          |          |          |          |          |           |          | $\Box \Gamma$      |          |
|                 | 48       | Т              | Ι  |  |          | 1              | Γ  |  |               | П              |          | 98       |   |               |                 |          | П        | T         | Т        | T             | 1   |                 | 148      |          |          |          |          |          |           |          | Т                  |          |
|                 | 49       | T              | <del>                                     </del> | <b> </b>   |          | 1              | Г  |  | _             | $\dashv$       |          | 99       | 1   | Τ             | П               | H        |          | 7         | 7        |               | 1   |                 | 149      |          |          | Г        | 1        |          | М         |          | ヿ                  | _        |
| _               | 50       | t              | <del>                                     </del> | $\vdash$   |          | 1              | 1  | Т  |               | Н              |          | 100      | 1   | 1             | П               | $\vdash$ | $\vdash$ | 7         | _        | $\top$        | 1   | $\vdash$        | 150      | _        | _        | _        |          |          | -         | 1        | _                  | ᅥ        |
| 1               | , 50     | 1              |  |  | 1        | 1              | 5  |  | . 1           | 1 1            |          | ,        | ' I   | ı             | . !             | 1        |          | - 1       |          |               |     | 1               |          | 1 1      |          |          |          | , ,      |           |          | 1                  |          |